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July 6th, 1852.

Dr. ELWYN in the Chair.

A paper was presented from Professor S. F. Baird and Mr. Charles Girard, intended for publication in the Proceedings, entitled "Characteristics of some new Reptiles in the Museum of the Smithsonian Institution," which was referred to Dr. Hallowell, Dr. Le Conte, and Dr. Leidy.

Dr. Wetherill read a paper intended for publication in the Proceedings, entitled "Further examination of the Phoenixville Molybdate of Lead." Referred to Mr. Ashmead, Mr. Vaux, and Dr. Rand.

Dr. Wetherill read a second paper, entitled "Chemical examination of the food of the Queen Bee." Referred to Dr. Bridges, Dr. Rand, and Mr. Vaux.

A letter was read from the Secretary of the American Philosophical Society, dated June 21st, 1852, acknowledging the receipt of No. 2, Vol. 6, and index and title page Vol. 5, of the Proceedings.

Dr. Leidy called the attention of the members to a fragment of a fossil ox head, found by Dr. Samuel Brown in a creek emptying into the Ohio river, and now deposited in the cabinet of the Academy by the American Philosophical Society. Notwithstanding its larger size and its locality, Cuvier considered it the same as the *Bos priscus*. Harlan named it *Bos latifrons*. It belongs to a species of *Bison*, and is, with very little doubt, distinct from the *Bison priscus*, and should be called *Bison latifrons*.

Another fragment exhibited belonged to a smaller animal. The horn core is relatively more conoidal and curved than in *Bison latifrons*. The specimen was found at Big-bone-lick, Kentucky, and probably indicates a distinct species, for which the name *Bison antiquus* was proposed.

Dr. L. further stated he had been studying the extinct Edentata of North America, and had come to the conclusion, that there were probably four species of *Megalonyx*, *M. Jeffersonii*, Harlan, *M. laqueatus*, Harlan, *M. potens*, Leidy, and *M. dissimilis*, Leidy; one species of *Mylodon*, the *M. Harlani*, Owen; and one species of *Megatherium*, which is probably distinct from that of South America, and might be called with propriety *M. mirabile*, Leidy. The jaw figured by Prof. Owen, in the Voyage of the Beagle, Foss. Mam. pl. xxix, Dr. L. observed, he was satisfied did not belong to the *Megalonyx Jeffersonii*, as supposed by Mr. Owen, but to a new genus and species, for which the name *Gnathopsis Oweni* was proposed.

July 13th.

Vice President BRIDGES in the Chair.

A letter was read from Professor J. P. Kirtland, dated East Rockport, Ohio, June 26th, 1822, accompanying the donations announced at a late meeting of the Academy.

Also a letter from Dr. Johannes Gistel, dated Munich, April 21st, 1852, accompanying his donations to the Library announced this evening.